



MSDS

MATERIAL SAFETY DATA SHEET

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:	GRAPEFRUIT OIL
Product Code:	PEO1081
Product Use:	Perfumery and Personal Care Formulations
Company Name:	Phytos Natur CZ s.r.o.
Company Address:	Okrouhelská 258, 252 45 Oleško

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients:	100% natural Citrus Paradisi (Grapefruit) Peel Oil
Hazardous Components:	None

3. HAZARDS IDENTIFICATION

Eye Contact:	May cause eye irritation.
Skin Contact:	May cause skin irritation on prolonged contact.
Ingestion:	May be harmful if swallowed in large quantities.
Inhalation:	Overexposure may cause respiratory tract irritation.

4. FIRST AID MEASURES

Eyes:	Flush immediately with water for at least 15-minute contact physician if symptoms persist.
Skin:	Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.
Ingestion:	Rinse mouth with water and obtain medical attention.
Inhalation:	Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

5. FIREFIGHTING MEASURES

Extinguishing Media:	Carbon dioxide, dry chemical, foam. Do not use a direct water-jet on burning material.
Protection of fire fighters:	Avoid breathing vapor or smoke.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spillage.
Environmental precautions:	Keep away from drains, surface and underground waters and soil.
Method for cleaning-up:	Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Large spillages should be soaked up with sand or an inert power, and disposed of according to local regulations.

7. HANDLING AND STORAGE

Handling:	Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
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Storage: Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original containers.
Avoid plastic and uncoated metal containers. Keep air contact to a minimum.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection: Avoid excessive inhalation of concentrated vapors.
Provide local ventilation if necessary.
Eye protection: Use of goggles is recommended.
Skin protection: Use chemically resistant gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale yellow to orange colored liquid
Odor: Fresh, light, citrusy, sweet, slightly bitter odour
Refractive Index: 1.465 - 1.485 @ 20°C
Specific Gravity: 0.848 - 0.861 @ 20°C
Solubility: Soluble in alcohols and fixed oils; Insoluble in water

10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Conditions to avoid: Excessive Heat
Incompatibilities with other Materials: Strong Oxidizing Agent & Strong Acids
Hazardous Decomposition Products: Combustion may produce CO, CO₂
Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

This product is a mixture for which no toxicological data exists. Risk assessment is based on the hazards of the individual components.

12. ECOLOGICAL INFORMATION

This product is a mixture for which no ecological data exists. Risk assessment is based on the hazards of the individual components.

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules). Do not dump into sewers, any body of water or onto the ground.

14. TRANSPORT INFORMATION

Road (ADR/RID): not regulated
Air (ICAO/IATA): not regulated
Sea (IMDG): not regulated

15. REGULATORY INFORMATION

Not classified as Dangerous for Supply/Use
Not classified as Dangerous for the Environment

